



COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS
1194 PROSPECT AVENUE
WESTBURY, NEW YORK 11590-2723

So Kids, just what do we mean by "Storm Water Management"????



Well, first we need to understand what "Storm Water" is and where it goes in order to "manage" it.

Rainfall makes storm water. Storm water is the water that runs down the street when it is raining. A lot of rain makes a lot of storm water. Storm water leave the road and enters our waterways through holes along the curb called "Storm drains".



So, why do we need to manage the storm water?

Storm water needs to be managed in two ways: (1) The amount of water on the street, if too much, can cause flooding, and (2) The water that goes into the drain needs to be as clean as possible.



nvtech.com

Let's talk about keeping water clean!

Why do we need to keep storm water clean?

After storm water enters the storm drain, the water flows to the Long Island Sound, the south shore bays and the Atlantic Ocean or to a storage basin "Sump". To get to these places, the storm water is carried by underground pipes, and/or flows through the streams and ponds in the County. Storm water that is directed to storage basins or "sumps" replenishes the groundwater supply - which is the source of our drinking water. Any "pollutant" that can be carried in the storm water will affect our environment and us.



nvtech.com

What pollutants can be carried by storm water?

Pretty much anything that is on sidewalks, the grass, and the streets can wash into the storm drain. Some examples include:

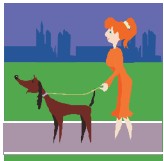


Trash
and
Litter



Over Use
of Lawn
Chemicals

Oil and
Chemicals



Animal
Waste

Improper
Waste
Disposal



Sand and
Sediment

How do Pollutants in storm water affect our environment and us?

Our beaches are closed to swimming, shellfishing is not permitted and the habitats for aquatic animals disappear when the water is unclear.



Frogs

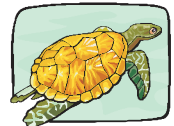
Fish



nvtech.com



Sea Birds



Turtles